

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 HOVENSA DCU Vapor Release - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region II

Subject: POLREP #4
 HOVENSA DCU Vapor Release
 ZZ
 Christiansted, VI
 Latitude: 17.7078390 Longitude: -64.7466520

To:

From: D. Harrington, On Scene Coordinator

Date: 1/3/2011

Reporting Period: 12/21/10 to 1/3/11

1. Introduction

1.1 Background

Site Number:	A263	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	12/10/2010	Start Date:	12/9/2010
Demob Date:		Completion Date:	
CERCLIS ID:	VID980536080	RCRIS ID:	
ERNS No.:		State Notification:	Yes
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

Release of vaporized coker intermediate to the atmosphere. Fallout from the release impacted cars, structural surfaces and potentially residential cisterns.

1.1.2.1 Location

1 Estate Hope
 Christiansted, St Croix, US Virgin Islands

1.1.2.2 Description of Threat

Coker residue fallout potentially impacting residential cisterns.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Approximately 220 homes/other structures, one school, one daycare and several businesses affected by the release.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

EPA continues oversight of response activities with the VIDPNR, VIDOH. Two members of the USCG Atlantic Strike Team (AST) continue to assist EPA in oversight of HOVENSA operations. HOVENSA continues its efforts in conducting the following activities:

- further assessment of the impact zone;
- disconnection of potentially impacted cisterns;
- cleaning of roofs and other structures/surfaces as required;
- reconnection of cisterns upon completion of roof cleaning;
- issuance of car vouchers for cleaning of impacted vehicles;
- drinking water distribution; and
- continuation of public outreach.

See SITREPs 1 and 2 for additional information.

Dwayne Harrington (OSC) took over field oversight responsibilities as 12/18/10. Cris D'Onofrio remains the OSC of record.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The potentially responsible party (PRP) is HOVENSA. EPA issued a Field Notice of Federal Interest to HOVENSA on 12/15/10 to inform them of the intent for cost recovery.

2.1.4 Progress Metrics

EPA cistern confirmatory samples were shipped to ERT/SERAS for analysis; HOVENSA samples were shipped to Louisiana State University (LSU) for analysis; results expected on or around January 4, 2011.

To date, the following work has been reported:

341 residences contacted in and near impact zone.

290 roofs inspected to date; 224 confirmed impacted; 221 cleaned and 3 remain to be cleaned.

164 of 179 downspouts reconnected; 11 residents have refused reconnection.

23 roof coatings required; 8 roof coatings completed and 15 roofs remain to be coated.

4 cisterns cleaned; the 4 cisterns were required to be cleaned due to the impact from roof cleaning run-off.

7,337 gallons of water were distributed at established sites (Animal Shelter and the Original Pentecostal Church). 510 gallons of water distributed today.

117 calls received at the call center to date – no new calls today.

198 car wash vouchers have been distributed; 96 cars cleaned.

2.2 Planning Section

2.2.1 Anticipated Activities

Evaluate the cistern water sample analytical results and determine the requirement and if necessary the scope of cistern cleaning operations.

2.2.1.1 Planned Response Activities

Unified Command is developing a plan to identify triggers for transition to a Project Team for cistern cleaning if needed. A plan was submitted for demobilization of water distribution sites.

2.2.1.2 Next Steps

Determine the need to clean cisterns based on analytical results.

2.2.2 Issues**2.3 Logistics Section**

Researching/identifying additional cleaning solution (Simple Green) required to sustain operations.

2.4 Finance Section**2.4.1 Narrative**

N/A

2.5 Other Command Staff**2.5.1 Safety Officer**

All operations will conform to the following regulations:

Title 29, Part 1910 of the Code of Federal Regulations, *Occupational Safety and Health Standards* (with special attention to Section 120, *Hazardous Waste Operations and Emergency Response*)

Title 29, Part 1926 of the Code of Federal Regulations, *Safety and Health Regulations for Construction*

National Institute for Occupational Safety and Health / OSHA / USCG / EPA *Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities*

2.6 Liaison Officer

N/A

2.7 Information Officer**2.7.1 Public Information Officer**

The EPA Public Affairs Division PAD is being regularly updated on response oversight efforts. A statement from the Regional Administrator was released on 12/15/10. Positive response was recieved from the press/community in regards to this statement and the EPA oversight effort.

2.7.2 Community Involvement Coordinator

N/A

3. Participating Entities**3.1 Unified Command**

HOVENSA

VI DPNR

VI TEMA

US EPA

3.2 Cooperating Agencies

ATSDR has been contacted for assistance by DOH and EPA. ATSDR will be assisting as needed to evaluate the potential health effects via inhalation and ingestion pending constituent analysis of coker product samples.

4. Personnel On Site

EPA OSCs	1
U.S. Coast Guard	2
HOVENSA	68 + (varies)
VI DPNR	1
VI DOH	1

5. Definition of Terms

N/A

6. Additional sources of information

6.1 Internet location of additional information/report

US Coast Guard - National Pollution Fund Center

<http://www.uscg.mil/npfc/default.asp>

US Environmental Protection Agency - Region 2

<http://www.epa.gov/Region2/>

6.2 Reporting Schedule

Weekly over long term; daily as needed.

7. Situational Reference Materials

N/A